

## US 29 Northbound Widening (Phase 2) From Middle Patuxent River to South of Seneca

Atholton High School  
November 12, 2015



# TONIGHT'S MEETING AGENDA

US 29 – Northbound Widening (Phase 2)  
From Middle Patuxent River to South of Seneca Drive

- Welcome & Opening Remarks
- Project Overview
- Review of Alternatives Evaluated
- Recommended Alternative



# CORRIDOR HISTORY

US 29 – Northbound Widening (Phase 2)  
From Middle Patuxent River to South of Seneca Drive

- **1950** – US 29 is identified in long-term planning documents as a controlled-access expressway in Howard County.
- **1987** – Finding of No Significant Impact (FONSI) issued for Improvements to US 29 from Montgomery County line to US 40.
- **1989-2009** – Breakout interchange projects based on FONSI were completed.
- **December 2013** – Construction on northbound widening from South of Seneca Drive to South of MD 175 began
- **2014** – Northbound widening from Middle Patuxent River to South of Seneca Drive is funded for final engineering



# PURPOSE & NEED

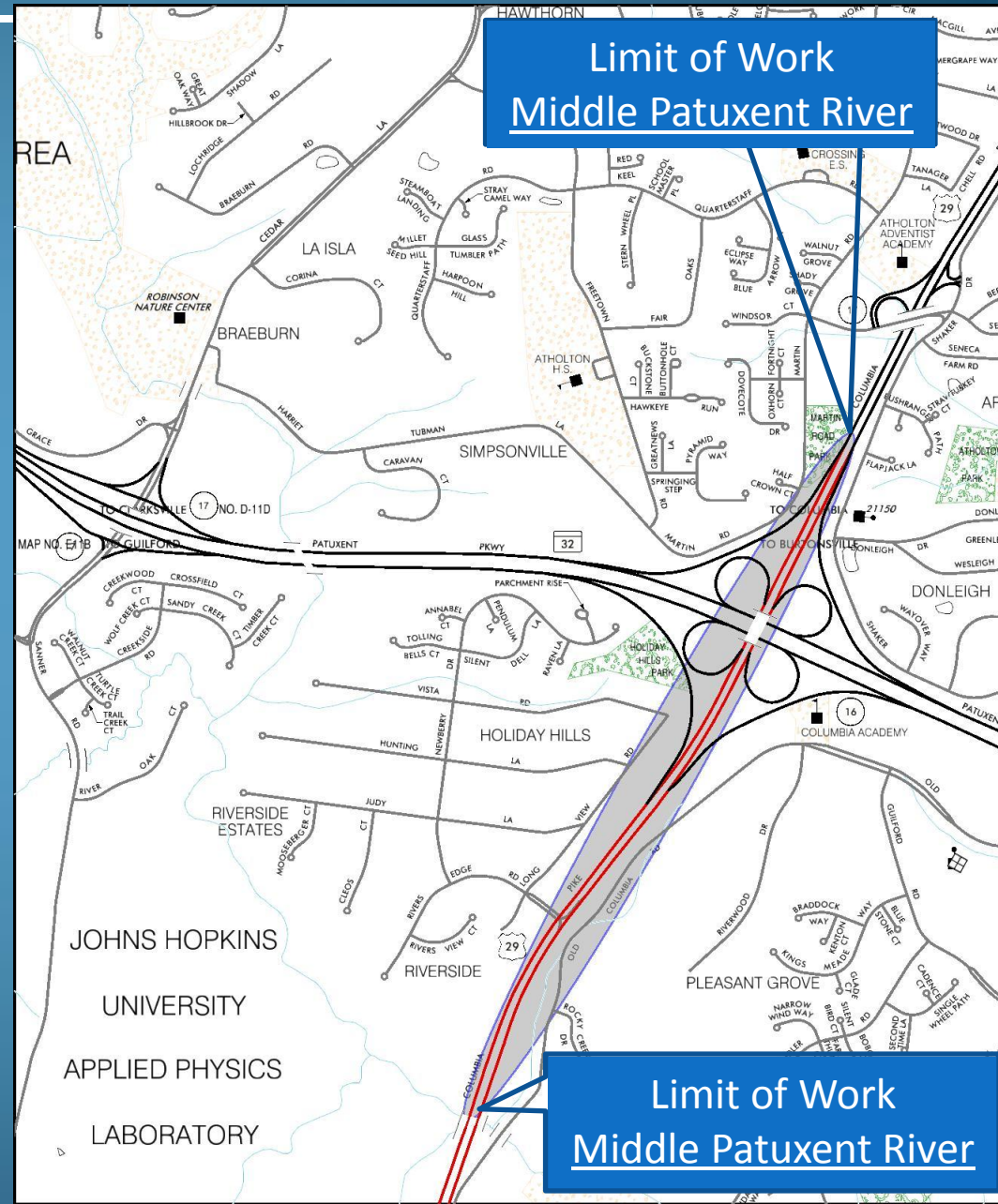
US 29 – Northbound Widening (Phase 2)  
From Middle Patuxent River to South of Seneca Drive

- ❖ To improve safety and capacity improvements along US Route 29 northbound
- ❖ Convert US 29 to a freeway with fully controlled access



# PROJECT SCOPE

- Located in Columbia, MD
- Project length is 1.69 miles
- Project Limits extend from Middle Patuxent River to Seneca Drive



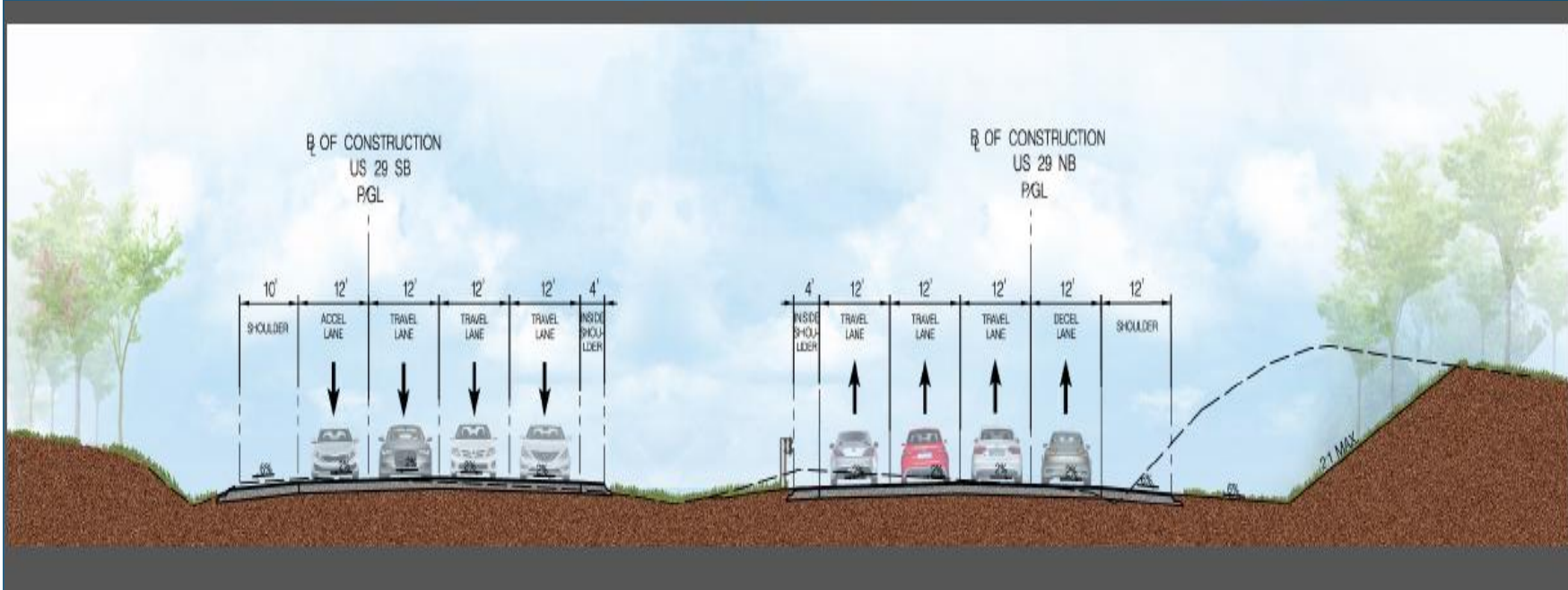
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# PROPOSED TYPICAL SECTION

## US ROUTE 29

US 29 – Northbound Widening (Phase 2)  
From Middle Patuxent River to South of Seneca Drive





# REVIEW OF ALTERNATIVES

US 29 – Northbound Widening (Phase 2)  
From Middle Patuxent River to South of Seneca Drive

- **Alternative 1A /1B**
  - **Alternative 1C**
  - **Alternative 2A**
  - **Alternative 3**
  - **Alternative 4**
  - **Alternative 5**







**US 29 NORTHBOUND WIDENING  
FROM MIDDLE PATUXENT RIVER TO SOUTH OF SENECA DRIVE (PHASE 2)  
PRELIMINARY CONCEPT PLAN - ALTERNATIVE IC**

**Legend:**

- PROPOSED PAVEMENT
- PROPOSED DRAINAGE FACILITY LOCATION (SEE PHASE 1 STUDY)
- POTENTIAL IMPACTS
- STRUCTURAL IMPACTS
- POTENTIAL IMPACTS
- EXISTING FLOODPLAIN (TYP.)
- EXISTING STREAM / WETLAND (TYP.)
- POTENTIAL LOCATION OF PROPOSED STORMWATER FACILITY
- EXISTING 100 YEAR FLOODPLAIN (TYP.)
- IMPACTS TO EXISTING STORMWATER MANAGEMENT FACILITY
- POSSIBLE LOCATION FOR PROPOSED STORMWATER MANAGEMENT FACILITY
- EXISTING STORMWATER MANAGEMENT FACILITY (TYP.)



## US 29 – Northbound Widening (Phase 2)





# ALTERNATIVE 2B

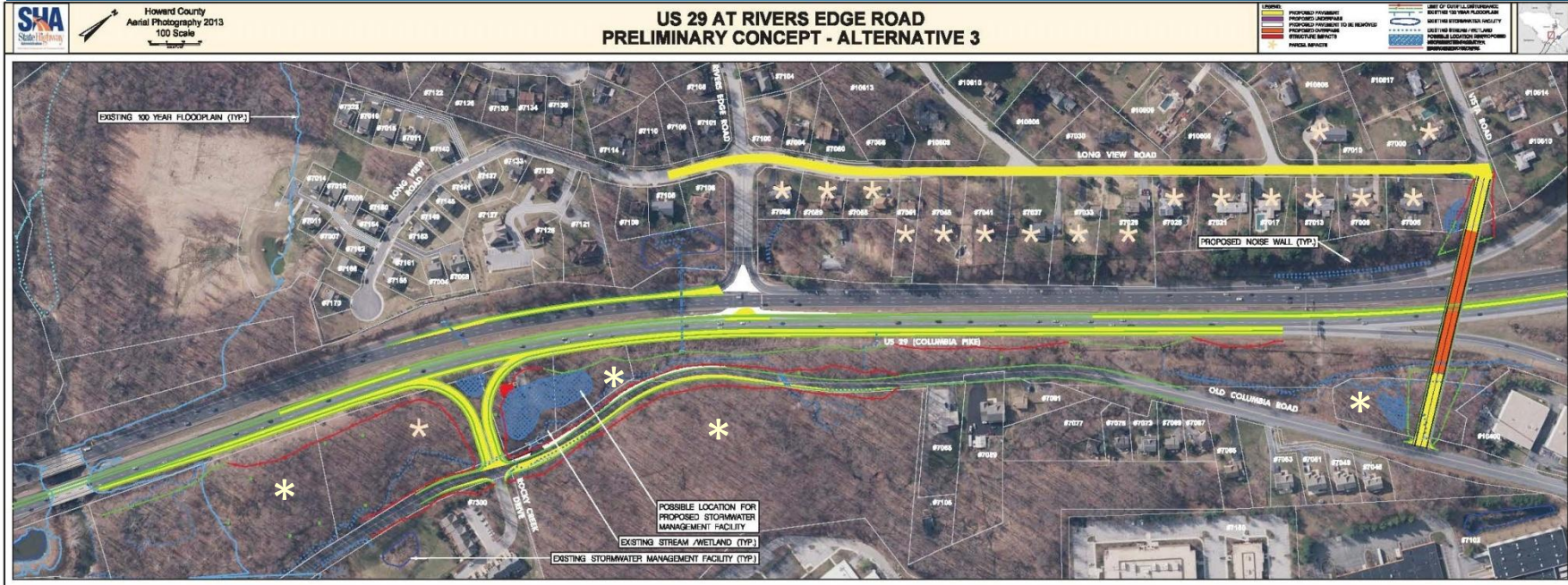
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# ALTERNATIVE 3

US 29 – Northbound Widening (Phase 2)  
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**US 29 AT RIVERS EDGE ROAD**  
**PRELIMINARY CONCEPT - ALTERNATIVE 4**

Legend:

- PROPOSED DRAINAGE
- PROPOSED STRUCTURAL IMPACTS
- PROPOSED FACILITY
- PROPOSED NOISE WALL
- PROPOSED FACILITY
- PROPOSED NOISE WALL

EXISTING 100 YEAR FLOODPLAIN (TYP.)

PROPOSED NOISE WALL (TYP.)

POSSIBLE LOCATION FOR PROPOSED STORMWATER MANAGEMENT FACILITY

EXISTING STREAM / WETLAND (TYP.)

EXISTING STORMWATER MANAGEMENT FACILITY (TYP.)

US 29 (COLUMBIA PIKE)

OLD COLUMBIA ROAD

LONG VIEW ROAD

BOON CREEK



# RECOMMENDED ALTERNATIVE

## ALTERNATIVE 5

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# PROJECT SCHEDULE

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- ❖ **Complete 30 Percent Design Summer 2016**
- ❖ **Pending Funding Availability (Earliest Start Dates)**
  - **Right of Way Acquisition – Summer 2017**
  - **Construction – Summer 2019**



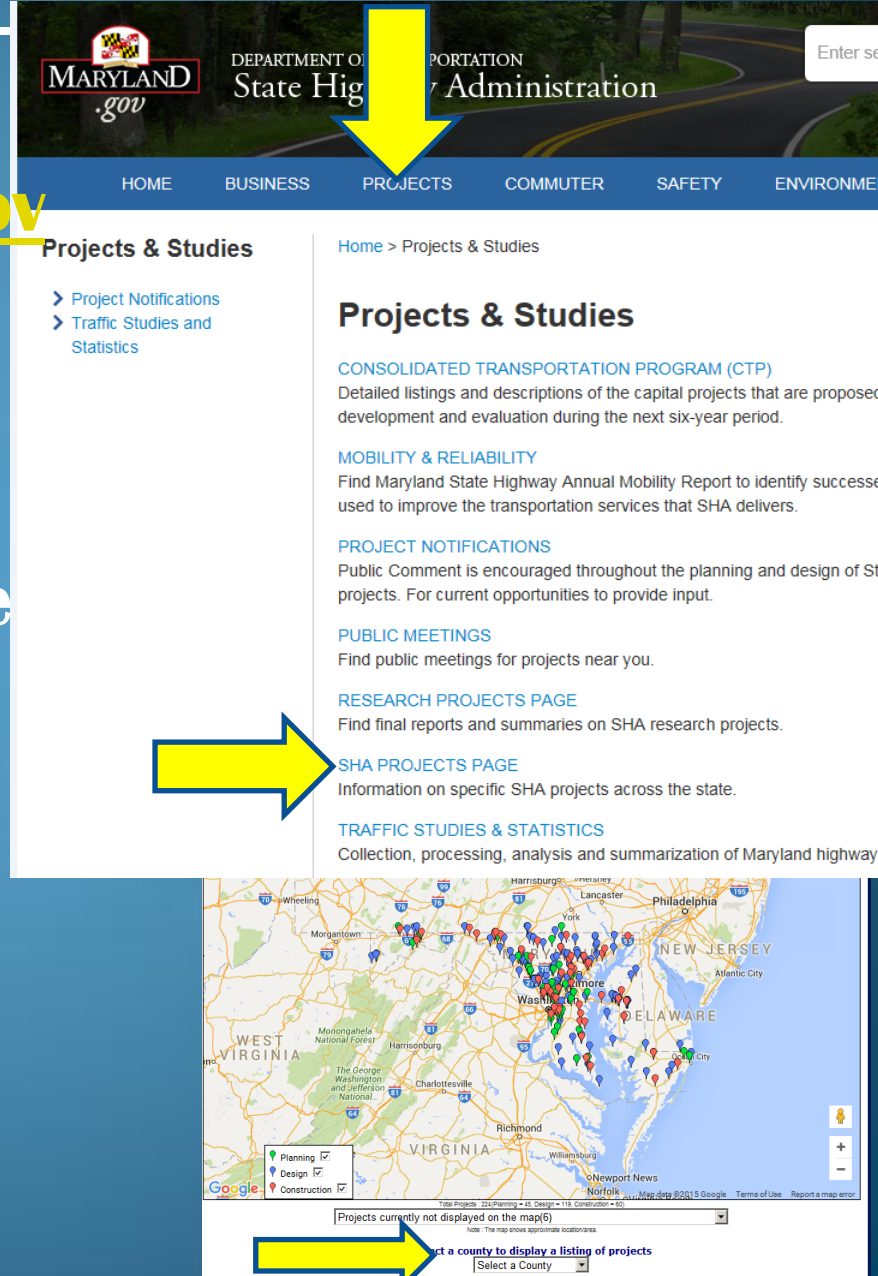
# STAY INFORMED

Project website:

❖ [www.roads.maryland.gov](http://www.roads.maryland.gov)

## Projects

- SHA Projects Page
  - Howard County
    - US 29 – Middle Patuxent River to South of Seneca Drive



DEPARTMENT OF TRANSPORTATION  
State Highway Administration

HOME BUSINESS PROJECTS COMMUTER SAFETY ENVIRONMENT

Projects & Studies

- > Project Notifications
- > Traffic Studies and Statistics

Home > Projects & Studies

### Projects & Studies

**CONSOLIDATED TRANSPORTATION PROGRAM (CTP)**  
Detailed listings and descriptions of the capital projects that are proposed for development and evaluation during the next six-year period.

**MOBILITY & RELIABILITY**  
Find Maryland State Highway Annual Mobility Report to identify success stories and used to improve the transportation services that SHA delivers.

**PROJECT NOTIFICATIONS**  
Public Comment is encouraged throughout the planning and design of State Highway projects. For current opportunities to provide input.

**PUBLIC MEETINGS**  
Find public meetings for projects near you.

**RESEARCH PROJECTS PAGE**  
Find final reports and summaries on SHA research projects.

**SHA PROJECTS PAGE**  
Information on specific SHA projects across the state.

**TRAFFIC STUDIES & STATISTICS**  
Collection, processing, analysis and summarization of Maryland highway data.

Map showing project locations across Maryland. Legend: Planning (blue), Design (green), Construction (red). Total Projects: 224. Planning: 45. Design: 119. Construction: 60.

Select a county to display a listing of projects

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# STAY INFORMED

## Who to contact:

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